

Holiday Beach Migration Observatory

2010 Fall Migration Almanac

Welcome

- Join HBMO members and visitors to view raptors and other birds at the Hawk Tower at Holiday Beach Conservation Area near Amherstburg, ON, Canada.
- To keep this Conservation Area properly maintained, we encourage you to pay the park fees and respect the facilities.
- The Hawk Tower site is staffed from 8 EST - 4 EST daily, weather permitting, September through November.
- Bring **binoculars, hat, sunscreen, folding chair, and clothing for the weather** (its cool by the lake), and **food and drink** ([food is available only during Festival of Hawks September 18 & 19, 2010](#))
- Arrive by 9:00 am. Most bird numbers will be seen during September.
Best flight days have a **North Wind Component**: (NW, NNW N, NNE, NE).

Our Website

- Visit www.hbmo.org for updates on events and Raptor Count Totals.
- You can subscribe to the BirdHawk Listserv to get count data sent to you each day.
- You can also obtain current and forecasted weather conditions for the count area.

Deciphering Almanac Data

- Each date has an entry of one or more bird species. They are listed with raptors first and non-raptors second. The order is like this: year of sighting, bird abbreviation, and total sighted that day.
Example 87-OS-27 means that on the date this entry is found, in 1987 the Osprey count was 27 birds sighted.
- Bird abbreviations or 'codes' are listed on the September and October pages.
- A [blue](#) or [underlined raptor entry](#) means that sighting is in the TOP 10 high-count dates for that species from 1983 to the present.
A [red](#) or [underline entry](#) with an asterisk (*) means that is the highest number sighted for that species (raptor or non-raptor).

Sponsoring a Day of Research

- A day of research costs the Observatory approximately \$40. To support our research, obtaining a **Daily Research Sponsorship Form** either online, at the Hawk Tower or in the newsletter then complete the form. Submit the completed form and your check to the address indicated or give the form to the official daily hawk counter or to a HBMO board member.

Hawk & Songbird Adoption Programs

- HBMO sponsors the Adopt-a-Raptor and Adopt-Songbird Programs. Adoptions are available on site during the Festivals or visit our online for details.

Annual Raffle

- This year's HBMO raffle has many wonderful and unique prizes. See the prizes at the Festivals, online or ask about them at the Hawk Tower.

Festival of Hawks September 11-12, 2010 and 18-19, 2010 9:00 am – 3:00 pm each day

- Festival partners: Holiday Beach Migration Observatory, Essex Region Conservation Authority, Essex County Field Naturalists Club, and Pt. Pelee National Park.

Festival Activities Near the Hawk Tower

9:00 - 3:00	Viewing Migrating Hawks	Bring your binoculars. Learn hawk identification while they fly overhead. Members of the Holiday Beach Migration Observatory, HBMO, will assist you.
9:00 - 3:00	Songbird Banding Songbird Adoptions	See songbirds up close with HBMO's songbird bander and discover the great variety that migrates through our region in the fall. Songbird talks depend on the migration conditions and bird availability. <i>Mornings are the best viewing times.</i> Adopt a songbird and take home a certificate.
9:00 - 3:00	Live Raptor Display (Sept 18 & 19 ONLY)	View several imprinted or tame hawks up close and learn how they survive. There will be three live raptor stage shows each day.
10:00	Dragonfly Walk (Saturday 18 only)	Naturalist, Paul Desjardins, from Essex County Field Naturalists Club will be leading this walk. He will be capturing dragonflies with hand nets and explaining how to identify them.
	Dragonfly Walk (Sunday 19 only)	Naturalist, Paul Pratt, from Ojibway Park will be leading this walk. He will be capturing dragonflies with hand nets and explaining how to identify them.
11:00	Hawk Banding Hawk Adoptions	Here is your chance to hold, adopt and release a wild hawk with raptor banders from the HBMO. Get your picture taken and receive a banding certificate by mail.

Festival Activities Outside the Classroom

9:00 - 3:00	The Kids Zone (Sept 18 & 19 ONLY)	Children of all ages will enjoy water bug viewing through microscopes, visiting the raptor discovery area with things such as hawk and owl feathers to touch, view the life cycle of the Monarch Butterfly, and make a few nature crafts to take home.
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Festival Workshops in the Classroom

12:30	Hawk ID Workshop	Join HBMO President, Bob Pettit, to learn how to identify hawks in flight during his illustrative presentation.
2:00	Hummingbird Workshop	Join HBMO Songbird Bander, Bob Hall-Brooks, to learn about the fascinating world of the Hummingbird.

Holiday Beach Migration Observatory Fall Migration Almanac

Amherstburg, Ontario, Canada

September 2010

37th Hawkwatch Season

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Welcome to the Holiday Beach Conservation Area Hawk Tower and Holiday Beach Migration Observatory Hawkwatch 2010		August 31 09-PIWO-1	1 91-OS-14 07-OS-18	2 85-NH-53 87-NH-92 94-AK-84	3 84-OS-8 94-SS-191 94-BW-58 94-AK-101	4 94-SS-202 92-AK-56 93-RTHU-243 84-RTHU-520
5 90-OS-12 92-OS-10 90-ML-5 91-BWTE-1,431 89-CHSW-130 86-RTHU-103	6 91-BE-4 94-SS-203 80-AK-486 81-AK-454 92-ML-4	7 94-AK-232	8 97-OS-21 07-BE-12	9 98-OS-17 07-OS-18 03-BE-26* 95-NH-57	10 94-BW-1,296 95-BW-4,350 85-AK-386 89-ML-5 91-ML-6 86-BOBO-110	11 Hawk Festival 06-BE-18 09-BE-13 91-OS-21
12 Hawk Festival 91-OS-12 83-NH-61 85-SS-1,394 85-BW-30,404 89-AK-400 91-COLO-5	13 89-OS-20 91-NH-111 86-SS-1,537 96-SW-1 91-ML-10 86-RTHU-304 97-RTHU-604*	14 97-OS-17 88-SS-2,130 88-AK-573 93-ML-10	15 97-OS-21 09-OS-18 07-BE-21 09-BE-14 06-SW-1 09-ML-11 84-BW-95,499*	16 93-NH-103 99-SS-1,441 86-BW-38,566 90-BW-28,777 93-SW-2*	17 93-OS-17 98-OS-18 98-BE-23 90-NH-107 99-NH-132 99-SS-1,819 90-BW-44,717 98-BW-42,645 99-BW-32,442 91-AK-694 94-AK-852	18 Hawk Festival 87-OS-24 94-NH-69 89-SS-1,736 96-BW-27,256 93-BW-63,400 76-AK-527
19 Hawk Festival 94-NH-101 94-BW-42,175 96-BW-53,273 02-ML-9 86-EAME-26	20 05-BE-11 84-SS-1,424 06-SW-1 97-AK-639 02-ML-12 05-ML-16*	21 87-OS-27* 08-BE-16 95-SS-755 88-SS-896 82-BW-15,515 85-AK-725 02-ML-13 93-COTE-3,200	22 07-BE-11 87-SS-1,367	23 87-SS-1,435 93-PG-9 09-RHWO-5 In 1992 all 15 regular raptor species were recorded this date, a rare single day.	24 01-OS-14 87-BE-7 00-SS-680 91-CH-80 09-CEDW-789 09- High of 21 warbler spp.	25 87-OS-11 93-BW-6,092 89-ML-3 89-CAEG-45 86-DCCO-30
26 06-PG-14 86-BLJA-49,280 91-BLJA-59,650 91-BBPL-39 09-YTVI-1 03-PUGA-1*	27 86-OS-10 83-SS-1,206 06-ML-12 98-PG-13	28 01-BW-26,929 01-SW-1 89-AMGO-4,572 01-BLJA-264,410*	29 97-NH-110 97-GE-42	30 95-PG-10 90-BLJA-51,470 93-BLJA-87,000 09-ATBR-60		

Raptor Codes and Their Names

- | | | |
|----------------------|---------------------|------------------------|
| AK American Kestrel | ML Merlin | RL Rough-legged Hawk |
| BE Bald Eagle | NG Northern Goshawk | RS Red-shouldered Hawk |
| BV Black Vulture | NH Northern Harrier | RT Red-tailed Hawk |
| BW Broad-winged Hawk | OS Osprey | SS Sharp-shinned Hawk |
| CH Cooper's Hawk | PG Peregrine Falcon | SW Swainson's Hawk |
| GE Golden Eagle | | TV Turkey Vulture |



Holiday Beach Migration Observatory Fall Migration Almanac

Amherstburg, Ontario, Canada

October 2010

37th Hawkwatch Season

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
October 31 <u>91-BV-1*</u> <u>93-NH-258*</u> <u>90-NG-7</u> <u>93-NG-7</u> <u>84-RS-253</u> <u>93-RS-308</u> <u>90-GE-13</u> <u>93-COLO-15</u> <u>89-GBHE-89</u>					1 <u>06-SW-1</u> <u>86-AK-1,059</u> <u>06-ML-12</u> <u>95-PG-18</u> <u>09-BLJA-158,300</u>	2 <u>03-SW-1</u> <u>96-PG-11</u> <u>07-PG-11</u> <u>91-GRYE-18</u>
3 <u>95-NH-45</u> <u>87-CH-289*</u> <u>07-PG-19*</u>	4 <u>98-SW-1</u> <u>04-ML-12</u> <u>02-PG-15</u> <u>92-HUGO-1</u>	5 <u>06-TV-5,544</u> <u>91-STSA-11</u> <u>09-BLJA-152,750</u> <u>09-AMGO-4,530</u>	6 <u>86-CH-166</u> <u>83-PG-11</u> <u>09-BBSA-1</u>	7 <u>88-TV-1,546</u> <u>91-AK-522</u>	8 <u>90-AK-689</u> <u>91-AK-572</u> <u>91-ML-5</u> <u>95-AMGO-4,548</u> <u>09-AMGO-5,330</u> <u>91-NSWO-</u> <u>(74 were banded)</u>	9 <u>05-TV-20,032*</u> <u>86-CH-210</u>
10 <u>09-ML-11</u> <u>09-RTHU-1(late)</u>	11 <u>09-TV-5,710</u> <u>84-CH-110</u> <u>89-PISI-4,293</u> <u>09-LEBI-1(late)</u> <u>09-AMAV-1</u>	12 <u>00-SW-1</u> <u>09-AMAV-1</u>	13 <u>09-TV-6,788</u> <u>91-CH-144</u> <u>09-SW-2*</u> <u>09-OCWA-3</u> <u>09-AMAV-1</u>	14 <u>09-TV-6,332</u> <u>89-PUFI-1,654</u> <u>09-AMAV-2</u>	15 <u>09-CH-123</u> <u>09-RS-257</u> <u>95-AK-711</u> <u>01-ML-10</u> <u>09-AMAV-2</u>	16 <u>95-ML-11</u> <u>95-PG-10</u> <u>09-SACR-6</u> <u>09-AMAV-2</u>
17 <u>08-TV-5,384</u> <u>01-SS-2,407*</u> <u>89-AK-1,105*</u> <u>91-PUFI-163</u> <u>09-AMAV-2</u>	18 <u>91-CH-107</u> <u>91-RS-403</u> <u>97-RS-258</u> <u>91-RT-963</u> <u>09-AMAV-2</u>	19 <u>92-TV-1,902</u> <u>03-SW-1</u>	20 <u>06-TV-7,312</u> <u>85-NH-142</u> <u>88-CH-140</u> <u>83-RS-283</u> <u>85-RS-364</u> <u>83-RT-985</u>	21 <u>00-GE-35*</u> <u>91-OCWA-1</u>	22 <u>90-CH-117</u> <u>84-NG-9</u> <u>86-CEWA-10,866</u> <u>09-HOLA-2,040</u>	23 <u>03-TV-5,261</u> <u>93-TUTI-4</u> <u>91-FRGU-1</u> <u>89-BBPL-264</u>
24 <u>07-TV-5,510</u> <u>89-AMRO-651</u> <u>91-NOPI-38</u> <u>92-AMCR-44,000</u> <u>01-CORA-1*</u>	25 <u>93-NG-11</u> <u>90-RS-321</u> <u>90-RT-1,002</u>	26 <u>89-CH-114</u> <u>88-RT-786</u> <u>92-GE-12</u> <u>89-AMCR-46,712</u> <u>09-CHSW-30</u> <u>09-DICK-1</u>	27 <u>91-RL-70*</u> <u>99-GE-34</u> <u>91-EABL-825</u> <u>91-KILL-122</u> <u>91-HOLA-547</u>	28 <u>01-NG-7</u> <u>91-RS-144</u> <u>05-GE-21</u> <u>91-EABL-1,348</u> <u>09-CANV-264</u> <u>09-AMCR-43,400</u> <u>09-AMPI-1,400*</u>	29 <u>01-CH-50</u> <u>00-RS-225</u> <u>87-RS-268</u> <u>00-RT-1,485</u> <u>83-RL-35</u> <u>88-GE-11</u> <u>00-GE-13</u> <u>09-CONI-1(late)</u>	30 <u>01-TV-4,950</u> <u>86-NG-8</u> <u>01-RS-234</u> <u>93-RS-271</u> <u>01-RT-1,018</u> <u>91-SEOW-3</u> <u>90-NOMO-1</u>

Non-Raptor Codes and Their Names

ABDU	American Black Duck	COTE	Common Tern	OCWA	Orange-crowned Warbler
AMAV	American Avocet	DCCO	Double-crested Cormorant	PISI	Pine Siskin
AMCO	American Coot	DICK	Dickcissel	PIWO	Pileated Woodpecker
AMCR	American Crow	EABL	Eastern Bluebird	PUFI	Purple Finch
AMGO	American Goldfinch	EAME	Eastern Meadowlark	PUGA	Purple Gallinule
AMPI	American Pipit	FRGU	Franklin's Gull	RBGU	Ring-billed Gull
AMRO	American Robin	GBBG	Great Black-bkcd Gull	RBME	Red-breasted Merganser
ATBR	Atlantic Brant	GBHE	Great Blue Heron	RHWO	Red-headed Woodpecker
BBPL	Black-Bellied Plover	GLIB	Glossy Ibis	RNPH	Ring-necked Pheasant
BBSA	Buff-breasted Sandpiper	GRYE	Greater Yellowlegs	RTHU	Ruby-throated Hummingbird
BLJA	Blue Jay	HEGU	Herring Gull	RTLO	Red-throated Loon
BOBO	Bobolink	HOLA	Horned Lark	RUBL	Rusty Blackbird
BOGU	Bonaparte's Gull	HUGO	Hudsonian Godwit	SACR	Sandhill Crane
BWTE	Blue-winged Teal	KILL	Killdeer	SAGU	Sabine's Gull
CAEG	Cattle Egret	LALO	Lapland Longspur	SEOW	Short-eared Owl
CANV	Canvasback	LEBI	Least Bittern	SNBU	Snow Bunting
CEWA	Cedar Waxwing	LEYE	Lesser Yellowlegs	STSA	Stilt Sandpiper
CHSW	Chimney Swift	NOMO	Northern Mockingbird	TEWA	Tennessee Warbler
COLO	Common Loon	NOPI	Northern Pintail	TUSW	Tundra Swan
CONI	Common Nighthawk	NRWS	Northern Rough-winged Swallow	TUTI	Tufted Titmouse
CORA	Common Raven	NSWO	Northern Saw-whet Owl	YTVI	Yellow-throated Vireo
CORE	Common Redpoll				

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Amherstburg, Ontario, Canada

November 2010

37th Hawkwatch Season

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1 93-NG-15 93-RT-1,493 08-GE-50* 92-RTLO-3 93-TUSW-359	2 89-NH-36 87-RS-47 08-GE-18 86-COLO-14	3 89-RS-148 89-RL-16 87-KILL-90	4 01-NH-64 95-RS-71 95-RT-1,605	5 95-NG-7 95-RT-951 92-RBME-195,000*	6 97-NG-7 87-RL-47 97-RL-36 01-GE-12
7 94-RS-42 95-GE-3 99-GE-26	8 95-NH-23 97-NG-13 95-RS-67 97-RT-1,936 87-BOGU-8,808*	9 87-RT-1,028 95-RL-15 89-SAGU-1 91-ABDU-1,000 92-SNBU-250	10 91-NG-28* 91-RS-119 87-RL-40 91-GE-24 94-GE-21	11 91-NG-9 87-RT-1,491 94-RT-3,002* 01-GE-13 86-TUSW-672 09-TEWA-1	12 89-RT-1,591 90-RL-37 90-GE-17 93-GE-14	13 90-RL-27 92-CEWA-2,000
14 95-CH-24 95-RS-118 95-RT-1,347 91-LALO-222 89-AMAV-1	15 95-RL-44 94-GE-19	16 02-RL-43 89-DCCO-1(late)	17 94-RT-52 86-RUBL-535	18 86-NH-155 07-RT-2,033 07-GE-18 86-LALO-186 86-SEOW-5	19 95-RS-55 84-RL-22 87-PISI-85 09-NRWS-1(late)	20 84-RT-1,563
21 89-RT-695 89-GE-7	22 89-NH-77 89-RS-148 89-RL-68 93-RNPH-1	23 89-RT-422 88-RT-583 88-SACR-41	24 89-RT-763 91-HEGU-500 91-RBGU-1,655*	25 89-GBBG-53	26 89-RT-223 87-RL-20 94-GE-6 89-GE-7 89-CORE-23 93-GBBG-35	27 89-RT-158
28 95-RS-74 95-RT-333 85-RL-27 92-AMCO-1	29 95-RS-34 95-GE-3	30 89-RS-6 89-RT-68 93-RT-70 End of Season	<i>Thank you for visiting this year and for helping the Observatory carry out its mission.</i>			

COMPARING AND CONTRASTING SHARP-SHINNED HAWK AND COOPER'S HAWK AT HOLIDAY BEACH							
2010	Body	Tail	Wing	Head	Underparts Immature	Underparts Adult	Flight
Sharp-shinned Hawk	<ul style="list-style-type: none"> •Body and tail length are equal. •A flying mallet of wings and tail. 	<ul style="list-style-type: none"> • Tail-up in glide. • Tail tip is: Straight and Soiled 	<ul style="list-style-type: none"> •“S” shaped-edge shows a curve and bend at the wrist. 	<ul style="list-style-type: none"> •Head in •Shrugging 	<ul style="list-style-type: none"> •Immature: Noodle-like streaking on chest and belly. 	<ul style="list-style-type: none"> •Adult: Rusty barring on breast. 	<ul style="list-style-type: none"> •Flapping too rapid to count. •Snappy •Head-down, tail-up
Cooper's Hawk	<ul style="list-style-type: none"> •Body appears shorter than tail. •A flying cross. 	<ul style="list-style-type: none"> • Level in glide. • Tail tip is: Curved and Crisp 	<ul style="list-style-type: none"> •Straight-edged with little or no bend at the wrist. 	<ul style="list-style-type: none"> •Head out •Crossing 	<ul style="list-style-type: none"> •Immature: Noodle-like streaking on chest only. •May look white or clean at distance. 	<ul style="list-style-type: none"> •Adult: Rusty barring on chest. 	<ul style="list-style-type: none"> •Flapping is countable. •Moth-like. •Casual •Head-up, tail-down

ID Summary	Underside Profile	Tail Shape	Tail Color	Wing Beat
Sharp-shinned Hawk	Shrugging	Straight	Soiled	Snappy
Cooper's Hawk	Crossing	Curved	Crisp	Casual

